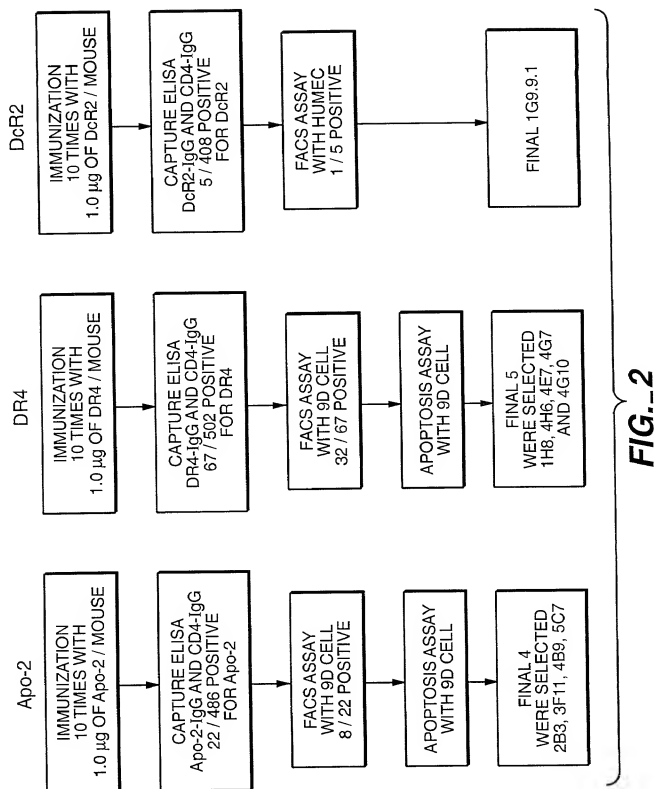
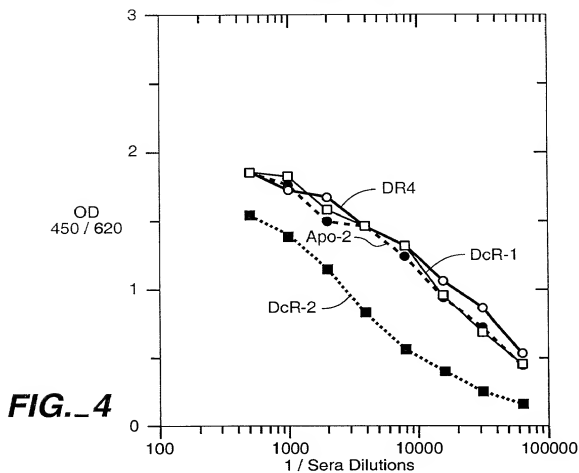
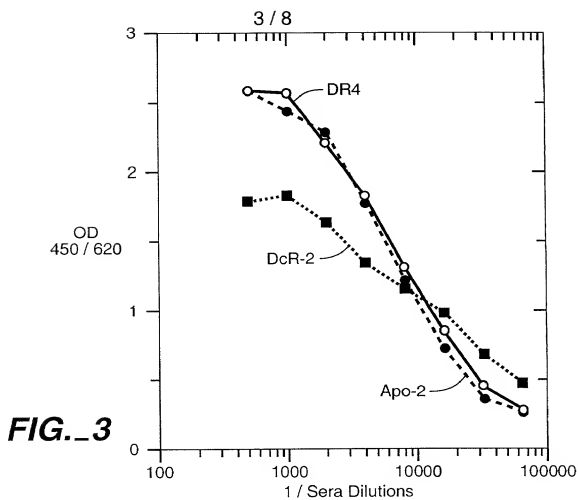


FIG..1





[illegible]

1	CCGACGGGTC	CGGATTAATC	AGCAGCGGCG	GGGAGAACCC	CCGATCTCT	GGGCCACAA	AATACACCGA	GGATGCCGA	TCCTACTTTAA	GGCTGTAAAC
	GGGTGGCGAG	GGGTATTATG	TCGTGCGCGG	GGCTCTTGGG	GGCTTTAGAG	CGGGGTGT	TTATGTGGCT	CGTACGGGT	AGATGAAT	CCGCACTTTC
101	CCACGGGCT	GAGAGCTAT	AAGAAGTTC	CTTACCGCA	TGGAACACG	GGGACGAC	GCCCCGGCG	CTTGGGGGG	CGGAAAAG	CACGAGCCAC
	GGTGGCCGGA	CTCTCTGATA	TTCTGCGAAG	GGATGCGGT	ACCTTGTTC	CCCTGCTTC	GGGGCGCG	AGGCTTTTC	GTGCGGGTC	
1										
201	GACCCAGGGA	GGCGCGGGGA	GCCAGGCGTG	CGGAGGCGTG	CGGAGGCGCA	GGGATCTCG	TTGTCGCGG	GGTCTCTG	TTGGTCTAG	CTGAGCTTGC
	CTGGGTCTCT	CGCGCCCCCT	CGGTTCGGAC	CCGAGGCGCA	CGGAGGCGCA	CGGATCTCG	TTGTCGCGG	GGTCTCTG	TTGGTCTAG	CTGAGCTTGC
22	ProArgG	uAlaArgGly	AlaArgProG	lyLeuArgVa	lProlySthr	LeuValLeu	alValAla	alValLeu	LeuValSer	laGluserAla
301	TCGTATGAC	CACAGAGAC	TAGCTCCCCA	GCAGAGAGG	GGCCACAC	AAAGAGGTC	CAGCCCTCA	GAGGATGT	GTCCACCTG	ACACATATC
	AGACTAGTGG	GTGTGTCTGG	ATCGAGGGT	GGTCTCTG	CGGGGTTC	TTTCTCTG	GTGGGGAGT	CTCCCTAAC	CAGGTGAC	TGTGTATAG
55	LeuIleThr	GlnGlnAsp	eulAlaProG	ndInArgAla	AlaProGlnG	lInlyArgSer	rSerProSer	GlulylLeu	ysProProG	lYHsIle
401	TCAGAGAGG	GTAGAGATTG	CATCTCTCTG	AAATATGGAC	AGGACTATAG	CATCACTGG	AATGACTTC	TTTTCTGCT	GGCTGCAC	AGGTGTGAT
	AGTCTCTCTC	CATCTCTAAC	GTAGAGGAGC	TTTATATCTG	TCCTGATATC	GTGACTGAC	TTACTGTGAGG	AAAGACGAA	CGCGAGCTG	TCCACACTAA
88	SerGlnuAsp	lyArgAspCy	sIleSerCys	lysThrGlyG	lInAspThr	rThrIiStr	AsnAspLeu	eupheCysle	uArgCysThr	ArgCysAspSer
501	CAGGTGAGT	GGAGCTAAGT	CCCTGACCA	CGACCGAAA	CACAGTCTGT	GTGCGGAG	AGGCACTT	CGTCCGAGAA	GATCTCTCTG	CAATGTGCGG
	GTCCACTTCA	CTTCGATTA	GGAGAGTGT	CTGTGCTT	GTGTCACCA	GTGCGCTTC	TTCTGTGGA	GGCCCTCTT	CTTACGAGC	TCATCAAGG
122	GlyGuVa	lGluLeuSer	ProCysThr	hThrArgAs	nThrValCys	GlnCysGlu	lInAspThr	Ph	eArgLeuProG	luMetCysArg
601	GAGGTGCGG	ACGAGGTGTC	CCAGAGGAT	GGTCAAGGT	GGTATGTGA	CACCTTGGAG	TGACATCGAA	TGTGTCACA	AGAAATCAG	CATCATATA
	CTTACAGCGG	TGTCGCCATA	GGTCTCCCTA	CCAGCTTCCAG	CCACTACAT	GTGGAGCTC	ACTGTAGCTT	ACACAGGCT	TTCTTAGTCC	GTATAGTAT
155	LysCysArg	ThrGlyCysP	roArgGlye	tValLysVal	GlyAspCysT	hrProThrSe	RAspIleGlu	CysValHisL	ysGluSerG	yllellelle
701	GGAGTCAAG	TTGCGAGCT	AGTCTTGATT	GTGGCTGTGT	TTGTTTGC	GTCTTACTG	TGGAGAAAG	TCCTTCTCTA	CCTGAAAGC	ATCTGCTCAG
	CCTCAGTGT	ACGCTGGGA	TCAGACTAA	CACGACACA	ACAAAGCTT	CAGAAATGAC	ACCTTCTTC	AGGAGGAT	GGACTTTCCG	TACAGAGTC
188	GlyValThrV	alAlaAlaVa	lValLeulle	ValAlaValP	heValCysly	sSerLeuLeu	TriplyslyV	alLeuProTy	lIleuLysGly	lIleCysSerGly
801	GTGGTGTGG	GGACCTTGA	CGTGTGGACA	GAACTTACA	AGCACTTGG	CGTGGAGCA	ATGTCTCTAA	TGACATCTG	AGTATCTTCG	AGGCCACCCA
	CACCAACAC	CTGGGAGCT	CGACACTGCT	CTTCGAGTGT	TCTTGGAGCT	CGACTCTCT	TACAGAGT	AGCTTACAC	CTATAGAGC	TGGGTGGCT
122	GlulGln	ValSerProGly	hValAlaSer	TrSerSerG	nThrProGly	AGlulAlaSer	snValLeu	AGlulVal	SerIleLeuVal	InProThrGln

FIG. 5A

TGGGAG' 6E78286D

901 GGTCCCTGAG CAGGAATGAG AAGTCCAGGA GCGAGCAGAG CCACAGAGTG TCACATGTTT GTCCCCCGGG GAGTCAGAGC ATCTCTGGGA AC CGCGAGAA
 CCAGGAGCTC GTCCCTTACC TTCCAGTCTC CGGTGCTCT GGTGTCAC AGTGTGACAA CAGGGGGCCC CTCAGTCTCG TAGACGACT TGGCCGTCTT
 255 ValProGlu GlnGluMetG luValGlnG ProThrGlyV alAsnMetLe userProGly GluSerGluH isLeuLeuG1 upRoAlaGlu
 1001 GCTGAAGAGT CTCAGAGGAG GAGGCTGCTG GTTCCAGCAA ATGAAGGTGA TCCCATCTGAG ACTCTGAGAC AGTCTTTCGA TGACTTTGGTGC
 CGACTTTTCCA GAGTCTCTCT CTCGACGAC CAGAGTGCTT TACTTCCACT AGGTGACTC TGAGACTCTG TCACGAAGCT ACTGAACGT CTGAACACAG
 288 AlaGluArgS erGluArgAr gArgLeuLeu ValProAlaA snGluGlyAs pProThrGlu ThriuLeuArg IncysPheAs pAspPheAla AspLeuValPro
 1101 CTTTGTGACTC CTGGAGCCG CTCATGAGGA AGTTGGGCT CATGCAAGG TGCGTAAAGC TGAGGCAGCG GGCACAGGG ACACCTTTGA
 GGAACCTGAG GACCTCGCG GAGTACTCTT TCACCCCGGA GTACTCTGTA GATATCTGTA CAGTATTCG ACTCGCTCGC CCGGTGTCCT TGTCGAACAT
 322 PheAspSe rTrpGluPro LeuMetArgL ysLeuGlyLe uMetAspAsn GluIleIysV alAlaLysAl agLueAlaA GlyHisArgA spThrLeuTyr
 1201 CACGATGCTG ATAAAGTGGG TCACAAAC CCGGCCAGAT GCCTCTGTCT ACACCTGCTT GATGCTTGG GAGAGCGTGG GAGAGAGACT TGCCACAGCAG
 GTGCTAGCAC TATTTACCC AGTTGTTTTG GCGCGCTCTA CGGAGACAG TGTTGGAGCA CTAACGGAAC CTCTGCAAC CTCTCTGGA ACGGTTCTGC
 355 ThrMetLeu IleIysTrpV alAsnLysTh rGlyArgasp AlaSerValH isThrLeuLe uAspAlaLeu GluThrLeuG lyGluArgLe uAlaLysGln
 1301 AAGATTGAGG ACCACTGTGT GACTCTTGGA AAGTTCATGT ATCTAGAAGC TCTGCCWTGT CCTAAGTGTG ATTCTCTTCA GGAAGTGA
 TTCTTAATCC TGGTGAACAA CTCGAGACT TTCAGTACA TAGATCTTCC ATTAGCTCTG AGACGGAACA GGATTCACAC TAAGAGAAGT CCTTCACTCT
 388 LysIleGluA spHisLeuLe uSerSerGly LysPheMetI yLeuGluG1 yAsnAlaasp SerAlaXaaS erOC*
 1401 CTTTCCCTGG TTTACTCTTT TTCTGGAAGA AGCCCAACTG GACTCCAGTC GACTCCCAAG TCACCAATTT GTACATGAC CGGTACTGGA AGAACTCTC
 GGAAGGACCC AAATGGAAGA AAGACCTTTT TCGGTTGAC CTGAGTCTAG TCATCTTTC ACGGTGTTAA CAGTGTACTG GCCATGACT TCTTTGAGAG
 1501 CCATCCACAA TCACCAAGTG GATGAACAT CCGTAACTT TCTACTGCAC TTGGCATTTAT TTTTAAAGC TGAATGTGAT AATAAGGACA CTATGGAAT
 GGTAGGTGTG AGTGGGTCAC CTACTCTGTA GGACATGGA AAGTGACGTG AACCGTAATA AAAATTTTCG ACTTACACTA TTATTCCTGT GATACCTTTA
 1601 GTCTGGATCA TTCCGTTTGT GCGTACTTTG AGATTGGTT TGGGATGTCA TTGTTTTCAC AGCACTTTT TATCTAATG TAAATGCTTT ATTTATTAT
 CAGACTTAGT AAGGCAACCA CGCATGAAAC TCThAACCA ACCCTACGT AACHAAGTG TCGTGAATA ATAGGATTAC ATTTAGGAA TAAATTAATA
 1701 TTGSGGTACA TTGTAGATC CATCTACAAA AAAAAAAA GCGCGCGCG ACTCTAGAGT CGACCTGCAAG AAGCTTGGCC GCCATGGCC
 AACCCGATGT ACATTTCTAG GTAGATGTTT TTTTTTTTTT TTTTTTTTTT CCGCGCGCG TCGATCTCA GCTGGACGTC TTGGAACCG CGGTACCGG

FIG._5B



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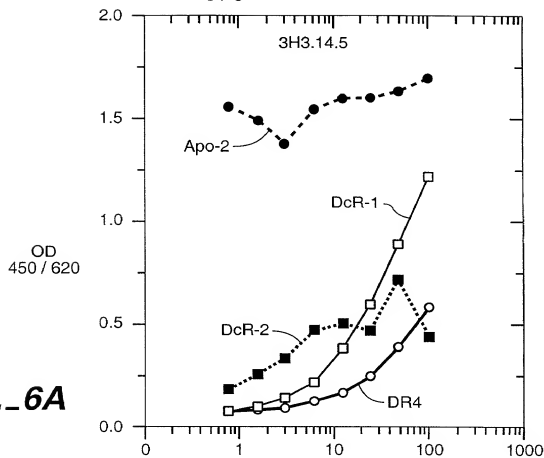


FIG._6A

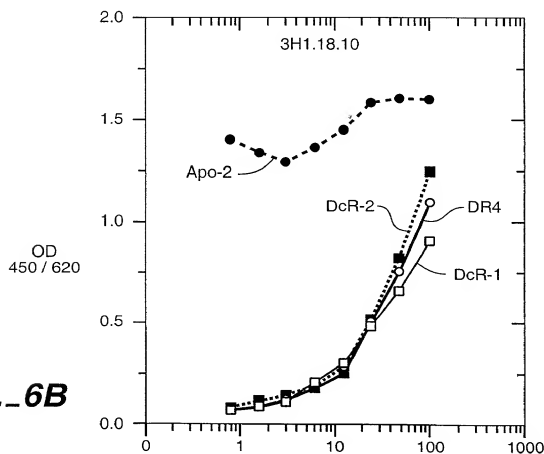
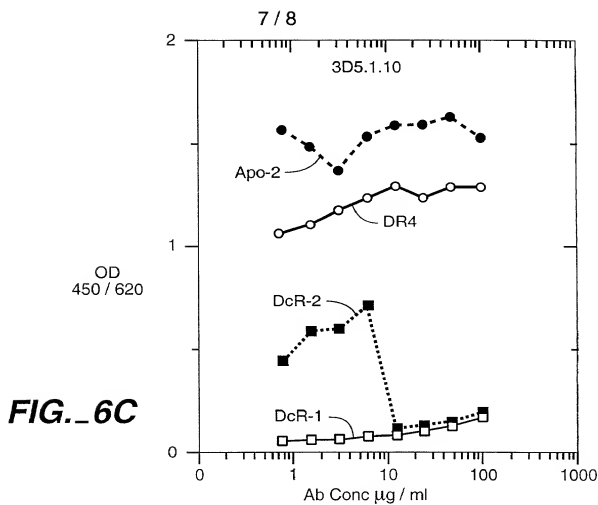
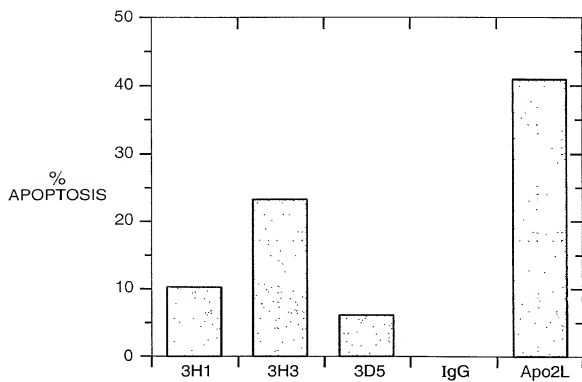
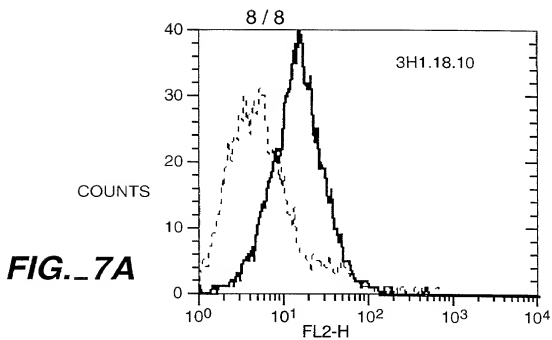
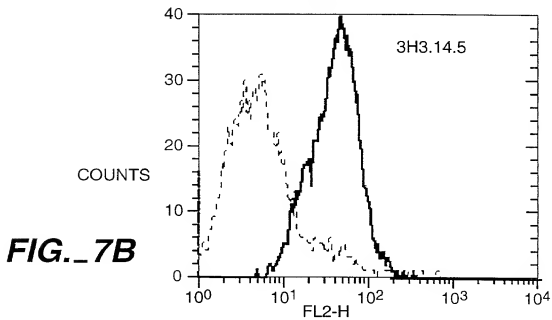
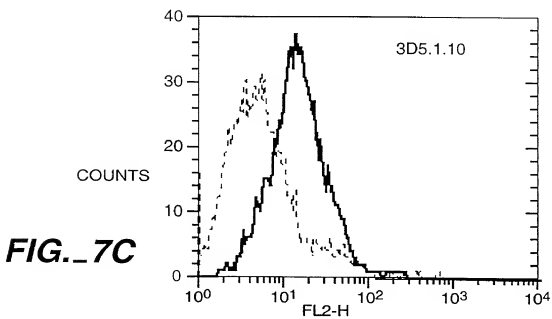


FIG._6B



**FIG._6C****FIG._8**

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**FIG._7A****FIG._7B****FIG._7C**

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